IN THE SPECIFICATION:

Please amend Tables 12 to 21 beginning at page 32, and ending at page 37, as follows:

Table 12: Staphylococcus aureus

Probe No.	SEQ. ID. No.	Sequence	First		Second	
			Fluorescence luminance	S/N	Fluorescence luminance	S/N
PA-1	1	5' GAACCGCATGGTTCAAAAGTGAAAGA 3'	3000	42.9	2900	40.8
PA-2	2	5' CACTTATAGATGGATCCGCGCTGC 3'	7700	110.0	7700	108.5
PA-3	3	5' TGCACATCTTGACGGTACCTAATCAG 3'	6400	91.4	6400	90.1
PA-4	4	5' CCCCTTAGTGCTGCAGCTAACG 3'	2500	37.5	2500	35.2
PA-5	5	5' AATACAAAGGGCAGCGAAACCGC 3'	7800	111.4	7800	109.9
PA-6	6	5' CCGGTGGAGTAACCTTTTAGGAGCT 3'	4800	68.6	4800	67.6
PA-7	7	5' TAACCTTTTAGGAGCTAGCCGTCGA 3'	4500	64.3	4300	60.6
PA-8	8	5' TTTAGGAGCTAGCCGTCGAAGGT 3'	4800	68.6	4800	67.6
PA-9	9	5' TAGCCGTCGAAGGTGGGACAAAT 3'	5300	75.7	5200	73.2

Table 13: Staphylococcus epidermidis

Probe No.	SEQ. ID. No.	Sequence	First		Second	
			Fluorescence luminance	S/N	Fluorescence luminance	S/N
PB-1	15	5' GAACAGACGAGGAGCTTGCTCC 3'	1000	14.5	1100	15.7
PB-2	16	5' TAGTGAAAGACGGTTTTGCTGTCACT 3'	1800	26.1	1800	25.7
PB-3	17	5' TAAGTAACTATGCACGTCTTGACGGT 3'	1400	20.3	1400	20
PB-4	18	5' GACCCCTCTAGAGATAGAGTTTTCCC 3'	1000	14.5	1100	15.7
PB-5	19	5' AGTAACCATTTGGAGCTAGCCGTC 3'	1800	26.1	2000	28.6
PB-6	20	5' GAGCTTGCTCCTCTGACGTTAGC 3'	1200	17.4	1300	18.6
PB-7	21	5' AGCCGGTGGAGTAACCATTTGG 3'	1100	15.9	1100	15.7

Table 14: Escherichia coli

Probe No.	SEQ. ID. No.	Sequence	First		Second	
			Fluorescence luminance	S/N	Fluorescence luminance	S/N
PC-1	25	5' CTCTTGCCATCGGATGTGCCCA 3'	1200	17.6	1200	17.9
PC-2	26	5' ATACCTTTGCTCATTGACGTTACCCG 3'	1500	22.1	1600	23.9
PC-3	27	5' TTTGCTCATTGACGTTACCCGCAG 3'	1100	16.2	1200	17.9
PC-4	28	5' ACTGGCAAGCTTGAGTCTCGTAGA 3'	2000	29.4	2100	31.3
PC-5	29	5' ATACAAAGAGAAGCGACCTCGCG 3'	1500	22.1	1500	22.4
PC-6	30	5' CGGACCTCATAAAGTGCGTCGTAGT 3'	2400	35.3	2600	38.8
PC-7	31	5' GCGGGGAGGAAGGGAGTAAAGTTAAT 3'	1200	17.6	1200	17.9

Table 15: Klebsiella pneumoniae

Probe No.	SEQ. ID. No.	Sequence	First		Second	
			Fluorescence luminance	S/N	Fluorescence luminance	S/N
PD-1	37	5' TAGCACAGAGAGCTTGCTCTCGG 3'	500	7.6	600	9
PD-2	38	5' TCATGCCATCAGATGTGCCCAGA 3'	600	9.1	600	9
PD-3	39	5' CGGGGAGGAAGGCGATAAGGTTAAT 3'	700	10.6	700	10.4
PD-4	40	5' TTCGATTGACGTTACCCGCAGAAGA 3'	1000	15.2	1200	17.9
PD-5	41	5' GGTCTGTCAAGTCGGATGTGAAATCC 3'	2700	40.9	2700	40.3
PD-6	42	5' GCAGGCTAGAGTCTTGTAGAGGGG 3'	3400	51.5	3300	49.3

Table 16: Pseudomonas aeruginosa

Probe No.	SEQ. ID. No.	Sequence	First		Second	
			Fluorescence luminance	S/N	Fluorescence luminance	S/N
PE-1	48	5' TGAGGGAGAAAGTGGGGGATCTTC 3'	3500	50.0	3600	50
PE-2	49	5' TCAGATGAGCCTAGGTCGGATTAGC 3'	1600	22.9	1400	19.4
PE-3	50	5' GAGCTAGAGTACGGTAGAGGGTGG 3'	3500	50.0	3400	47.2
PE-4	51	5' GTACGGTAGAGGGTGGTGGAATTT 3'	3100	44.3	3100	43.1
PE-5	52	5' GACCACCTGGACTGATACTGACAC 3'	1600	22.9	1600	22.2
PE-6	53	5' TGGCCTTGACATGCTGAGAACTTTC 3'	1200	17.1	1200	16.7
PE-7	54	5' TTAGTTACCAGCACCTCGGGTGG 3'	1000	14.3	1200	16.7
PE-8	55	5' TAGTCTAACCGCAAGGGGGACG 3'	1100	15.7	1100	15.3

Table 17: Serratia marcescens

Probe No.	SEQ. ID. No.	Sequence	First		Second	
			Fluorescence luminance	S/N	Fluorescence luminance	S/N
PF-1	58	5' TAGCACAGGGAGCTTGCTCCCT 3'	600	8.8	600	8.7
PF-2	59	5' AGGTGGTGAGCTTAATACGCTCATC 3'	700	10.3	600	8.7
PF-3	60	5' TCATCAATTGACGTTACTCGCAGAAG 3'	2000	29.4	2200	31.9
PF-4	61	5' ACTGCATTTGAAACTGGCAAGCTAGA 3'	2800	41.2	2700	39.1
PF-5	62	5' TTATCCTTTGTTGCAGCTTCGGCC 3'	700	10.3	700	10.1
PF-6	63	5' ACTTTCAGCGAGGAGGAAGGTGG 3'	3400	50.0	3300	47.8

Table 18: Streptococcus pneumoniae

Probe No.	SEQ. ID. No.	Sequence	First		Second	
			Fluorescence luminance	S/N	Fluorescence luminance	S/N
PG-1	69	5' AGTAGAACGCTGAAGGAGGAGCTTG 3'	1000	14.9	1100	16.2
PG-2	70	5' CTTGCATCACTACCAGATGGACCTG 3'	1200	17.9	1300	19.1
PG-3	71	5' TGAGAGTGGAAAGTTCACACTGTGAC 3'	1000	14.9	1100	16.2
PG-4	72	5' GCTGTGGCTTAACCATAGTAGGCTTT 3'	1800	26.9	1900	27.9
PG-5	73	5' AAGCGGCTCTCTGGCTTGTAACT 3'	1300	19.4	1500	22.1
PG-6	74	5' TAGACCCTTTCCGGGGTTTAGTGC 3'	1300	19.4	1300	19.1
PG-7	75	5' GACGGCAAGCTAATCTCTTAAAGCCA 3'	2000	29.9	2100	30.9

Table 19: Haemophilus influenzae

Probe No.	SEQ. ID. No.	Sequence	First		Second	
			Fluorescence luminance	S/N	Fluorescence luminance	S/N
PH-1	78	5' GCTTGGGAATCTGGCTTATGGAGG 3'	3500	50.0	3600	50
PH-2	79	5' TGCCATAGGATGAGCCCAAGTGG 3'	600	8.8	700	10.1
PH-3	80	5' CTTGGGAATGTACTGACGCTCATGTG 3'	600	8.8	600	8.7
PH-4	81	5' GGATTGGGCTTAGAGCTTGGTGC 3'	1100	16.2	1200	17.4
PH-5	82	5' TACAGAGGGAAGCGAAGCTGCG 3'	700	10.3	600	8.7
PH-6	83	5' GGCGTTTACCACGGTATGATTCATGA 3'	1300	19.1	1300	18.8
PH-7	84	5' AATGCCTACCAAGCCTGCGATCT 3'	2100	30.9	2200	31.9
PH-8	85	5' TATCGGAAGATGAAAGTGCGGGACT 3'	700	10.3	600	8.7

Table 20: Enterobacter cloacae

Probe No.	SEQ. ID. No.	Sequence	First		Second	
			Fluorescence luminance	S/N	Fluorescence luminance	S/N
PI-1	86	5' CAGAGAGCTTGCTCTCGGGTGA 3'	2100	29.2	2200	.31
PI-2	87	5' GGGAGGAAGGTGTTGTGGTTAATAAC 3'	7900	109.7	7900	111.3
PI-3	88	5' GGTGTTGTGGTTAATAACCACAGCAA 3'	1000	13.9	1300	18.3
PI-4	89	5' GCGGTCTGTCAAGTCGGATGTG 3'	6400	88.9	6400	90.1
PI-5	90	5' ATTCGAAACTGGCAGGCTAGAGTCT 3'	9400	130.6	9200	129.6
PI-6	91	5' TAACCACAGCAATTGACGTTACCCG 3'	4700	65.3	4800	67.6
PI-7	92	5' GCAATTGACGTTACCCGCAGAAGA 3'	4600	63.9	4500	63.6

Table 21: Enterococcus faecalis

Probe No.	SEQ. ID. No.	Sequence	First		Second	
			Fluorescence luminance	S/N	Fluorescence luminance	S/N
PJ-1	98	5' TTCTTTCCTCCCGAGTGCTTGCA 3'	1500	22.1	1500	20.8
PJ-2	99	5' AACACGTGGGTAACCTACCCATCAG 3'	2400	35.3	2700	37.5
PJ-3	100	5' ATGGCATAAGAGTGAAAGGCGCTT 3'	5600	82.4	5600	77.8
PJ-4	101	5' GACCCGCGGTGCATTAGCTAGT 3'	2300	33.8	2300	31.9
PJ-5	102	5' GGACGTTAGTAACTGAACGTCCCCT 3'	1000	14.7	1400	19.4
PJ-6	103	5' CTCAACCGGGGAGGGTCATTGG 3'	4400	64.7	4400	61.1
PJ-7	104	5' TTGGAGGGTTTCCGCCCTTCAG 3'	1700	25	1800	25

Please amend Tables 22 to 31 beginning at page 40, and ending at page 45, as follows:

Table 22: Staphylococcus aureus

Probe No.	SEQ. ID. No.	Sequence	First		Second	
			Fluorescence luminance	S/N	Fluorescence luminance	S/N
PA-1	1	5' GAACCGCATGGTTCAAAAGTGAAAGA 3'	14000	186.7	13000	173.3
PA-2	2	5' CACTTATAGATGGATCCGCGCTGC 3'	36000	480	35000	466.7
PA-3	3	5' TGCACATCTTGACGGTACCTAATCAG 3'	31000	413.3	29000	386.7
PA-4	4	5' CCCCTTAGTGCTGCAGCTAACG 3'	10000	133.3	10000	133.3
PA-5	5	5' AATACAAAGGGCAGCGAAACCGC 3'	39000	520	38500	513.3
PA-6	6	5' CCGGTGGAGTAACCTTTTAGGAGCT 3'	22000	293.3	22100	294.7
PA-7	7	5' TAACCTTTTAGGAGCTAGCCGTCGA 3'	22000	293.3	21800	290.7
PA-8	8	5' TTTAGGAGCTAGCCGTCGAAGGT 3'	25000	333.3	24000	320
PA-9	9	5' TAGCCGTCGAAGGTGGGACAAAT 3'	26000	346.7	25500	340

Table 23: Staphylococcus epidermidis

Probe No.	SEQ. ID. No.	Sequence	First		Second	
			Fluorescence luminance	S/N	Fluorescence luminance	S/N
PB-1	15	5' GAACAGACGAGGAGCTTGCTCC 3'	4500	62.5	4700	67.1
PB-2	16	5' TAGTGAAAGACGGTTTTGCTGTCACT 3'	9000	125	8900	127.1
PB-3	17	5' TAAGTAACTATGCACGTCTTGACGGT 3'	7100	98.6	7300	104.3
PB-4	18	5' GACCCCTCTAGAGATAGAGTTTTCCC 3'	4800	66.7	5200	74.3
PB-5	19	5' AGTAACCATTTGGAGCTAGCCGTC 3'	9100	126.4	9300	132.9
PB-6	20	5' GAGCTTGCTCCTCTGACGTTAGC 3'	5800	80.6	6300	90
PB-7	21	5' AGCCGGTGGAGTAACCATTTGG 3'	5400	75	5500	78.6

Table 24: Escherichia coli

Probe No.	SEQ. ID. No.	Sequence	First		Second	
			Fluorescence luminance	S/N	Fluorescence luminance	S/N
PC-1	25	5' CTCTTGCCATCGGATGTGCCCA 3'	5600	76.7	6200	83.8
PC-2	26	5' ATACCTTTGCTCATTGACGTTACCCG 3'	7600	104.1	7500	101.4
PC-3	27	5' TTTGCTCATTGACGTTACCCGCAG 3'	5600	76.7	5700	77
PC-4	28	5' ACTGGCAAGCTTGAGTCTCGTAGA 3'	9400	128.8	9300	125.7
PC-5	29	5' ATACAAAGAGAAGCGACCTCGCG 3'	7200	98.6	7200	97.3
PC-6	30	5' CGGACCTCATAAAGTGCGTCGTAGT 3'	11500	157.5	11500	155.4
PC-7	31	5' GCGGGGAGGAAGGGAGTAAAGTTAAT 3'	5600	76.7	5500	74.3

Table 25: Klebsiella pneumoniae

Probe No.	SEQ. ID. No.	Sequence	First		Second	
			Fluorescence luminance	S/N	Fluorescence luminance	S/N
PD-1	37	5' TAGCACAGAGAGCTTGCTCTCGG 3'	2000	28.6	2100	30
PD-2	38	5' TCATGCCATCAGATGTGCCCAGA 3'	2500	35.7	2600	37.1
PD-3	39	5' CGGGGAGGAAGGCGATAAGGTTAAT 3'	2900	41.4	2900	41.4
PD-4	40	5' TTCGATTGACGTTACCCGCAGAAGA 3'	4500	64.3	4700	67.1
PD-5	41	5' GGTCTGTCAAGTCGGATGTGAAATCC 3'	9900	141.4	10100	144.3
PD-6	42	5' GCAGGCTAGAGTCTTGTAGAGGGG 3'	13000	185.7	13400	191.4

Table 26: Pseudomonas aeruginosa

Probe No.	SEQ. ID. No.	Sequence	First		Second	
			Fluorescence luminance	S/N	Fluorescence luminance	S/N
PE-1	48	5' TGAGGGAGAAAGTGGGGGATCTTC 3'	17000	239.4	17300	240.3
PE-2	49	5' TCAGATGAGCCTAGGTCGGATTAGC 3'	8300	116.9	8600	119.4
PE-3	50	5' GAGCTAGAGTACGGTAGAGGGTGG 3'	17400	245.1	17000	236.1
PE-4	51	5' GTACGGTAGAGGGTGGTGGAATTTC 3'	15000	211.3	16000	222.2
PE-5	52	5' GACCACCTGGACTGATACTGACAC 3'	8000	112.7	8300	115.3
PE-6	53	5' TGGCCTTGACATGCTGAGAACTTTC 3'	5400	76.1	5800	80.6
PE-7	54	5' TTAGTTACCAGCACCTCGGGTGG 3'	5300	74.6	5100	70.8
PE-8	55	5' TAGTCTAACCGCAAGGGGGACG 3'	5400	76.1	5000	69.4

Table 27: Serratia marcescens

Probe No.	SEQ. ID. No.	Sequence	First		Second	
			Fluorescence luminance	S/N	Fluorescence luminance	S/N
PF-1	58	5' TAGCACAGGGAGCTTGCTCCCT 3'	3100	43.7	3300	45.2
PF-2	59	5' AGGTGGTGAGCTTAATACGCTCATC 3'	3300	46.5	3200	43.8
PF-3	60	5' TCATCAATTGACGTTACTCGCAGAAG 3'	10100	142.3	10000	137
PF-4	61	5' ACTGCATTTGAAACTGGCAAGCTAGA 3'	12000	169	11800	161.6
PF-5	62	5' TTATCCTTTGTTGCAGCTTCGGCC 3'	4100	57.7	4200	57.5
PF-6	63	5' ACTTTCAGCGAGGAGGAAGGTGG 3'	14300	201.4	14300	195.9

Table 28: Streptococcus pneumoniae

Probe No.	SEQ. ID. No.	Sequence	First		Second	
			Fluorescence luminance	S/N	Fluorescence luminance	S/N
PG-1	69	5' AGTAGAACGCTGAAGGAGGAGCTTG 3'	4500	63.4	4300	60.6
PG-2	70	5' CTTGCATCACTACCAGATGGACCTG 3'	5800	81.7	5600	78.9
PG-3	71	5' TGAGAGTGGAAAGTTCACACTGTGAC 3'	5000	70.4	4900	69
PG-4	72	5' GCTGTGGCTTAACCATAGTAGGCTTT 3'	8700	122.5	8800	123.9
PG-5	73	5' AAGCGGCTCTCTGGCTTGTAACT 3'	7200	101.4	7300	102.8
PG-6	74	5' TAGACCCTTTCCGGGGTTTAGTGC 3'	6700	94.4	7000	98.6
PG-7	75	5' GACGGCAAGCTAATCTCTTAAAGCCA 3'	10200	143.7	9900	139.4

Table 29: Haemophilus influenzae

Probe No.	SEQ. ID. No.	Sequence	First		Second	
			Fluorescence luminance	S/N	Fluorescence luminance	S/N
PH-1	78	5' GCTTGGGAATCTGGCTTATGGAGG 3'	3100	44.3	3200	45.1
PH-2	79	5' TGCCATAGGATGAGCCCAAGTGG 3'	3200	45.7	3200	45.1
PH-3	80	5' CTTGGGAATGTACTGACGCTCATGTG 3'	4900	70	3600	78.9
PH-4	81	5' GGATTGGGCTTAGAGCTTGGTGC 3'	3900	55.7	3800	53.5
PH-5	82	5' TACAGAGGGAAGCGAAGCTGCG 3'	6700	95.7	6500	91.5
PH-6	83	5' GGCGTTTACCACGGTATGATTCATGA 3'	10200	145.7	11000	154.9
PH-7	84	5' AATGCCTACCAAGCCTGCGATCT 3'	4200	60	4100	57.7
PH-8	85	5' TATCGGAAGATGAAAGTGCGGGACT 3'	3200	45.7	3500	49.3

Table 30: Enterobacter cloacae

Probe No.	SEQ. ID. No.	Sequence	First		Second	
			Fluorescence luminance	S/N	Fluorescence luminance	S/N
PI-1	86	5' CAGAGAGCTTGCTCTCGGGTGA 3'	10000	133.3	9900	133.8
PI-2	87	5' GGGAGGAAGGTGTTGTGGTTAATAAC 3'	38000	506.7	38000	513.5
PI-3	88	5' GGTGTTGTGGTTAATAACCACAGCAA 3'	4700	62.7	4700	63.5
PI-4	89	5' GCGGTCTGTCAAGTCGGATGTG 3'	31000	413.3	32000	432.4
PI-5	90	5' ATTCGAAACTGGCAGGCTAGAGTCT 3'	47500	633.3	45000	608.1
PI-6	91	5' TAACCACAGCAATTGACGTTACCCG 3'	23600	314.7	24000	324.3
PI-7	92	5' GCAATTGACGTTACCCGCAGAAGA 3'	21500	286.7	22700	306.8

Table 31: Enterococcus faecalis

Probe No.	SEQ. ID. No.	Sequence	First		Second	
			Fluorescence luminance	S/N	Fluorescence luminance	S/N
PJ-1	98	5' TTCTTTCCTCCCGAGTGCTTGCA 3'	7000	98.6	7300	101.4
PJ-2	99	5' AACACGTGGGTAACCTACCCATCAG 3'	12300	173.2	12000	166.7
PJ-3	100	5' ATGGCATAAGAGTGAAAGGCGCTT 3'	25000	352.1	27400	380.6
PJ-4	101	5' GACCCGCGGTGCATTAGCTAGT 3'	10000	140.8	11000	152.8
PJ-5	102	5' GGACGTTAGTAACTGAACGTCCCCT 3'	5600	78.9	5200	72.2
PJ-6	103	5' CTCAACCGGGGAGGGTCATTGG 3'	22100	311.3	22200	308.3
PJ-7	104	5' TTGGAGGGTTTCCGCCCTTCAG 3'	8800	123.9	9000	125

Please amend Tables 32 to 41 beginning at page 49, and ending at page 53, as follows:

Table 32: Staphylococcus aureus

Probe No.	SEQ. ID. No.	Sequence	First		Second	
			Fluorescence luminance	S/N	Fluorescence luminance	S/N
PA-10	10	5' ACGGACGAGAAGCTTGCTTCTCT 3'	247	3.4	146	2.1
PA-11	11	5' TGTCACTTATAGATGGATCCGCGCT 3'	4177	57.9	3083	43.4
PA-12	12	5' TGTAAGTAACTGTGCACATCTTGACG 3'	4686	64.9	3768	53.1
PA-13	13	5' ACAACTCTAGAGATAGAGCCTTCCCC 3'	2612	36.2	2709	38.2
PA-14	14	5' GTGGAGTAACCTTTTAGGAGCTAGCC 3'	26505	237.2	17560	247.3

Table 33: Staphylococcus epidermidis

Probe No.	SEQ. ID. No.	Sequence	First		Second	
			Fluorescence luminance	S/N	Fluorescence luminance	S/N
PB-2	16	5' TAGTGAAAGACGGTTTTGCTGTCACT 3'	7000	94.1	1800	25.7
PB-4	18	5' GACCCCTCTAGAGATAGAGTTTTCCC 3'	3274	44.0	1100	15.7
PB-8	22	5' AGACGAGGAGCTTGCTCCTCTG 3'	111	1.5	59	0.8
PB-9	23	5' AGAACAAATGTGTAAGTAACTATGCACGT 3'	6920	93.0	4910	70.1
PB-10	24	5' ACCATTTGGAGCTAGCCGTCGA 3'	15244	205.0	18136	259.1

Table 34: Escherichia coli

Probe No.	SEQ. ID. No.	Sequence	First		Second	
			Fluorescence luminance	S/N	Fluorescence luminance	S/N
PC-4	28	5' ACTGGCAAGCTTGAGTCTCGTAGA 3'	5416	74.7	2100	31.3
PC-8	32	5' TAACAGGAAGAAGCTTGCTTCTTTGCTG 3'	160	2.2	112	1.7
PC-9	33	5' TTGCCATCGGATGTGCCCAGAT 3'	4133	57.0	4581	68.4
PC-10	34	5' GGAAGGGAGTAAAGTTAATACCTTTGCTC 3'	4194	57.8	5349	79.8
PC-11	35	5' ATCTTTTGTTGCCAGCGGTCCG 3'	6719	92.7	2594	38.7
PC-12	36	5' AAGGGAGTAAAGTTAATACCTTTGCTCATTG 3'	3984	58.6	4021	60.0

Table 35: Klebsiella pneumoniae

Probe No.	SEQ. ID. No.	Sequence	First		Second	
			Fluorescence luminance	S/N	Fluorescence luminance	S/N
PD-7	43	5' TCATGCCATCAGATGTGCCCAGAT 3'	5414	40.0	4171	62.3
PD-8	44	5' CGGGGAGGAAGGCGATAAGGTTAA 3'	4096	30.2	6227	93.0
PD-9	45	5' TTATCGATTGACGTTACCCGCAGAAGA 3'	4122	30.4	3269	48.8
PD-10	46	5' CATTCGAAACTGGCAGGCTAGAGTC 3'	9474	70.0	6486	96.9
PD-11	47	5' CCTTTGTTGCCAGCGGTTAGGC 3'	10648	78.6	2754	41.1

Table 36: Pseudomonas aeruginosa

Probe No.	SEQ. ID. No.	Sequence	First		Second	
			Fluorescence luminance	S/N	Fluorescence luminance	S/N
PE-1	48	5' TGAGGGAGAAAGTGGGGGATCTTC 3'	6175	82.2	3600	50.0
PE-6	53	5' TGGCCTTGACATGCTGAGAACTTTC 3'	8159	108.6	1200	16.7
PE-7	54	5' TTAGTTACCAGCACCTCGGGTGG 3'	3277	43.6	1200	16.7
PE-8	55	5' TGCATCCAAAACTACTGAGCTAGAGTAC 3'	6626	88.2	7432	103.4
PE-9	56	5' GTCGACTAGCCGTTGGGATCCT 3'	5734	76.3	3365	46.8

Table 37: Serratia marcescens

Probe No.	SEQ. ID. No.	Sequence	First		Second	
			Fluorescence luminance	S/N	Fluorescence luminance	S/N
PF-7	64	5' GGTAGCACAGGGGAGCTTGCTC 3'	4482	66.4	1040	15.1
PF-8	65	5' CGAGGAGGAAGGTGGTGAGCTTAATA 3'	6362	94.2	3199	46.3
PF-9	66	5' TACGCTCATCAATTGACGTTACTCGC 3'	4569	67.7	2884	41.8
PF-10	67	5' GAAACTGGCAAGCTAGAGTCTCGTAGA 3'	7905	117.1	6786	98.3
PF-11	68	5' TTATCCTTTGTTGCCAGCGGTTCG 3'	12787	189.4	4849	55.7

Table 38: Streptococcus pneumoniae

Probe No.	SEQ. ID. No.	Sequence	First		Second	
			Fluorescence luminance	S/N	Fluorescence luminance	S/N
PG-1	69	5' AGTAGAACGCTGAAGGAGGAGCTTG 3'	10078	70.3	1100	16.2
PG-5	73	5' AAGCGGCTCTCTGGCTTGTAACT 3'	4331	30.2	1500	22.1
PG-6	74	5' TAGACCCTTTCCGGGGTTTAGTGC 3'	4730	33.0	1300	19.1
PG-8	76	5' GACATTTGCTTAAAAGGTGCACTTGCA 3'	7128	49.7	7720	113.6
PG-9	77	5' GTTGTAAGAGAAGAACGAGTGTGAGAGTG 3'	6665	46.5	3297	48.5

Table 39: Haemophilus influenzae

Probe No.	SEQ. ID. No.	Sequence	First		Second	
			Fluorescence luminance	S/N	Fluorescence luminance	S/N
PH-1	78	5' GCTTGGGAATCTGGCTTATGGAGG 3'	11106	150.3	3600	50.0
PH-2	79	5' TGCCATAGGATGAGCCCAAGTGG 3'	7056	95.5	700	10.1
PH-4	81	5' GGATTGGGCTTAGAGCTTGGTGC 3'	100	1.4	1200	17.4
PH-5	82	5' TACAGAGGGAAGCGAAGCTGCG 3'	11237	152.1	600	8.7
PH-7	84	5' AATGCCTACCAAGCCTGCGATCT 3'	5054	68.4	2200	31.9

Table 40: Enterobacter cloacae

Probe No.	SEQ. ID. No.	Sequence	First		Second	
			Fluorescence luminance	S/N	Fluorescence luminance	S/N
PI-8	93	5' GTAGCACAGAGAGCTTGCTCTCG 3'	2221	30.1	582	8.2
PI-9	94	5' CGGGGAGGAAGGTGTTGTGGTTA 3'	5484	74.2	2193	30.9
PI-10	95	5' ACCACAGCAATTGACGTTACCCG 3'	3325	45.0	646	9.1
PI-11	96	5' GAAACTGGCAGGCTAGAGTCTTGTAG 3'	7574	102.5	3039	42.8
PI-12	97	5' AGGCGGTCTGTCAAGTCGGATG 3'	5768	78.0	5701	80.3

Table 41: Enterococcus faecalis

Probe No.	SEQ. ID. No.	Sequence	First		Second	
			Fluorescence luminance	S/N	Fluorescence luminance	S/N
PJ-1	98	5' TTCTTTCCTCCCGAGTGCTTGCA 3'	1012	14.9	1500	20.8
PJ-3	100	5' ATGGCATAAGAGTGAAAGGCGCTT 3'	4266	62.6	5600	77.8
PJ-5	102	5' GGACGTTAGTAACTGAACGTCCCCT 3'	652	9.6	1400	19.4
PJ-8	105	5' ATAGAGCTTTCCCTTCGGGGACAAA 3'	3232	47.5	810	11.2
PJ-9	106	5' CGAGGTCATGCAAATCTCTTAAAGCTTCT 3'	11411	167.6	18776	260.7